## Amendments to the Claims:

This listing of claims will replace all prior versions, and listings, of claims in the application.

## **Listing of Claims:**

- 1. (Currently Amended) A composition of matter comprising a polyurethane elastomer having improved abrasion resistance with no significant loss in friction prepared by mixing
  - A) a polyurethane prepolymer,
  - B) a curative, and
- C) a liquid, non-reactive polydimethylsiloxane, wherein C) is present in a concentration of about 0.5 to about 25 % based on the combined weight of A) plus B), and curing the mixture to form the elastomer.

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2. (Original) The composition of claim 1 wherein the polyurethane prepolymer is prepared from a diisocyanate selected from the group consisting of paraphenylene diisocyanate, tolidene diisocyanate, isophorone diisocyanate, 4,4'-methylene bis (phenylisocyanate), toluene-2,4- diisocyanate, toluene-2,6-diisocyanate, naphthalene-1,5-diisocyanate, diphenyl-4,4'- diisocyanate, dibenzyl-4,4'-diisocyanate, stilbene-4,4'-diisocyanate, benzophenone-4,4'- diisocyanate, 1,3- and 1,4-xylene diisocyanates, 1,6-hexamethylene diisocyanate, 1,3- cyclohexyl diisocyanate, 1,4-cyclohexyl diisocyanate, the three geometric isomers of 1,1'- methylene-bis(4-isocyanatocyclohexane), and mixtures of the foregoing.

- 3. (Original) The composition of claim 2 wherein the diisocyanate is reacted with a polyol selected from the group consisting of polyether polyols, polyester polyols, and hydrocarbon polyols, having a number average molecular weight of at least 250.
- 4. (Original) The composition of claim 3 wherein the polyol is a polyalkyleneether polyol represented by the general formula  $HO(RO)_nH$ , wherein R is an alkylene radical and n is an integer large enough that the polyether polyol has a number average molecular weight of at least 250.
- 5. (Original) The composition of claim 1 wherein the curative is selected from the group consisting of diamines, polyols, and blends thereof having a melting point below 140° C.
- 6. (Original) The composition of claim 5 wherein the curative is selected from the group consisting of 1,4-butanediol, hydroquinone-bis-hydroxyethyl ether, 1,4-cyclohexane dimethanol, trimethylolpropane, aliphatic tetrols, 4,4'-methylenedianiline, 2,2',5-trichloro-4,4'-methylenediamines, naphthalene-1,5-diamine, ortho, meta, and para-phenylene diamines, toluene-2,4-diamine, dichlorobenzidine, diphenylether-4,4'-diamine, 4,4'-methylene-bis(3-chloroaniline), 4,4'-methylene-bis(3-chloro-2,6-diethylaniline), diethyl toluene diamine, tertiary butyl toluene diamine, dimethylthio-toluene diamine, trimethylene glycol di-p-amino-benzoate, 1,2-bis(2-aminophenylthio)ethane, and methylenedianiline-sodium chloride complex, including the derivatives and mixtures of the foregoing.

- 7. (Currently Amended) A method for producing a polyurethane elastomer <u>having</u> improved abrasion resistance with no significant loss in friction comprising the steps of:
  - A) mixing:
    - 1) a polyurethane prepolymer,
- 2) a curative, in sufficient amount to cure the polyurethane prepolymer, and
- 3) a non-reactive, liquid polydimethylsiloxane, wherein 3) is present in a concentration of from about 0.5% to about 25% based on the weight of 1) plus 2), and
  - B) curing the polyurethane prepolymer to yield the elastomer.
- 8. (Original) The method of claim 7 wherein the polyurethane prepolymer is prepared from a diisocyanate selected from the group consisting of paraphenylene diisocyanate, tolidene diisocyanate, isophorone diisocyanate, 4,4'-methylene bis (phenylisocyanate), toluene-2,4- diisocyanate, toluene-2,6-diisocyanate, naphthalene-1,5-diisocyanate, diphenyl-4,4'- diisocyanate, dibenzyl-4,4'-diisocyanate, stilbene-4,4'-diisocyanate, benzophenone-4,4'- diisocyanate, 1,3- and 1,4-xylene diisocyanates, 1,6-hexamethylene diisocyanate, 1,3-cyclohexyl diisocyanate, 1,4-cyclohexyl diisocyanate, the three geometric isomers of 1,1'- methylene-bis(4-isocyanatocyclohexane), and mixtures of the foregoing

- 9. (Original) The method of claim 8 wherein the diisocyanate is reacted with a polyol selected from the group consisting of polyether polyols, polyester polyols, and hydrocarbon polyols, having a number average molecular weight of at least 250.
- 10. (Original) The method of claim 9 wherein the polyol is a polyalkyleneether polyol represented by the general formula HO(RO)<sub>n</sub>H, wherein R is an alkylene radical and n is an integer large enough that the polyether polyol has a number average molecular weight of at least 250.
- 11. (Original) The method of claim 7 wherein the curative is selected from the group consisting of diamines, polyols, and blends thereof having a melting point below 140° C.
- 12. (Original) The method of claim 11 wherein the curative is selected from the group consisting of 1,4-butanediol, hydroquinone-bis-hydroxyethyl ether, 1,4-cyclohexane dimethanol, trimethylolpropane, aliphatic tetrols, 4,4'-methylenedianiline, 2,2',5-trichloro-4,4'-methylenediamines, naphthalene-1,5-diamine, ortho, meta, and para-phenylene diamines, toluene-2,4-diamine, dichlorobenzidine, diphenylether-4,4'-diamine, 4,4'-methylene-bis(3-chloroaniline), 4,4'-methylene-bis(3-chloro-2,6-diethylaniline), diethyl toluene diamine, tertiary butyl toluene diamine, dimethylthio-toluene diamine, trimethylene glycol di-p-amino-benzoate, 1,2-bis(2-aminophenylthio)ethane, and methylenedianiline-sodium chloride complex, including the derivatives and mixtures of the foregoing.

- 13. (Original) An article of manufacture comprising a polyurethane elastomer and about 0.5% to about 25% based on the weight of the elastomer of a non-reactive, liquid polydimethylsiloxane, whereby the abrasion resistance of the article is improved with no significant loss in friction.
- 14. (Original) The article of manufacture of claim 13 wherein the article is a railroad side bearing pad.
- 15. (Original) The article of manufacture of claim 13 wherein the article is a skate wheel.
- 16. (Original) The article of manufacture of claim 13 wherein the article is a tire.
- 17. (Original) The article of manufacture of claim 13 wherein the article is a track pad.
- 18. (Original) The article of manufacture of claim 13 wherein the article is an elastomeric friction brake.
- 19. (Original) The article of manufacture of claim 13 wherein the article is a scraper blade.